

X15B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: A	Effective: 1/1/06	Page 1 of 1	Number: LS-SCL-0033
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- ☐ 1. Valid Padlock Index and log, no padlocks open
- ☐ 2. Scatter shield as per photo 1.
- ☐ 3. Bremsstrahlung shield (BS #1) secured in place as per photo 1.
- ☐ 4. Scatter shield on parts of Collimating mirror tank as per photo 1.
- ☐ 5. Three viewports on collimating tank as per photo 1.
 - A. VP #1 covered in leaded glass and lead on X14 side of Collimating tank
 - B. VP #2 wrapped in lead covered in leaded glass.
 - C. VP #3 is wrapped in lead and covered with a caution cover on X16 side of X15.
- ☐ 6. Bremsstrahlung shield (BS # 2) secured in place.
- ☐ 7. Pre mirror tank covered on some parts with scatter shield as per photo 2.
- ☐ 8. Five viewports on pre mirror tank., All VP covered in leaded glass as per photo 2.
 - A. VP #4 covered with red cover.
 - B. VP #5 wrapped in lead.
 - C. VP #6 wrapped in lead.
 - D. VP #7 wrapped in lead.
 - E. VP #8 wrapped in lead.
- ☐ 9. Monochromator tank wrapped in lead as per photo 3.
- ☐ 10. Six viewports on monochromator tank covered in leaded glass as per photo 3.
 - A. VP #9
 - B. VP #10
 - C. VP #11
 - D. VP #12
 - E. VP #13
 - F. VP #14
- ☐ 11. Bremsstrahlung shield (BS # 3) secured in place as per photo 3.
- ☐ 12. Four viewports on focusing mirror tank covered with leaded glass.
 - A. VP #15
 - B. VP #16
 - C. VP #17
 - D. VP #18
- ☐ 13. End station has 4 leaded glass windows.

Checked by: _____ Date: _____

OPCO: _____ Date: _____